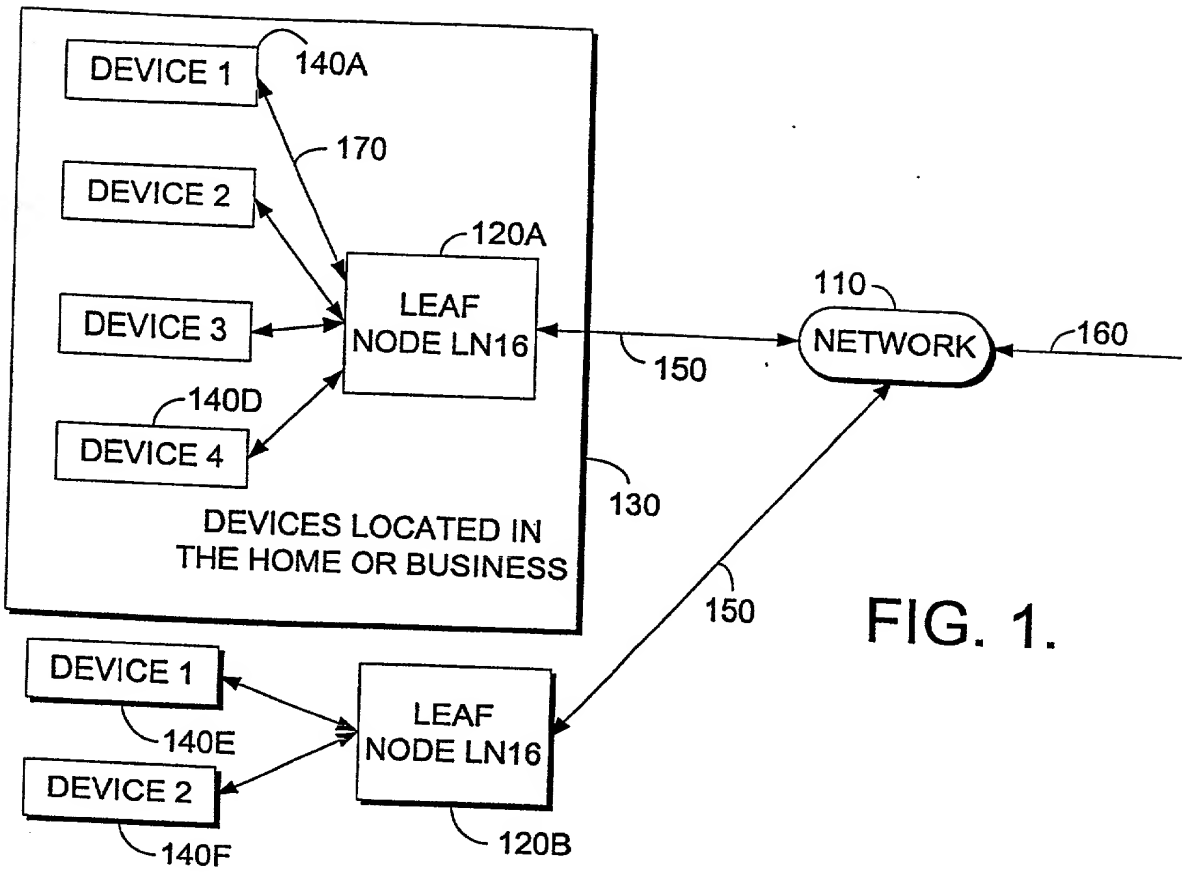

DEVICE 1
140A
170
DEVICE 2
120A
LEAF
NODE LN16
110
NETWORK
160
DEVICE 3
150
140D
DEVICE 4
130
DEVICES LOCATED IN
THE HOME OR BUSINESS
150
DEVICE 1
140E
DEVICE 2
140F
LEAF
NODE LN16
120B

FIG. 1.

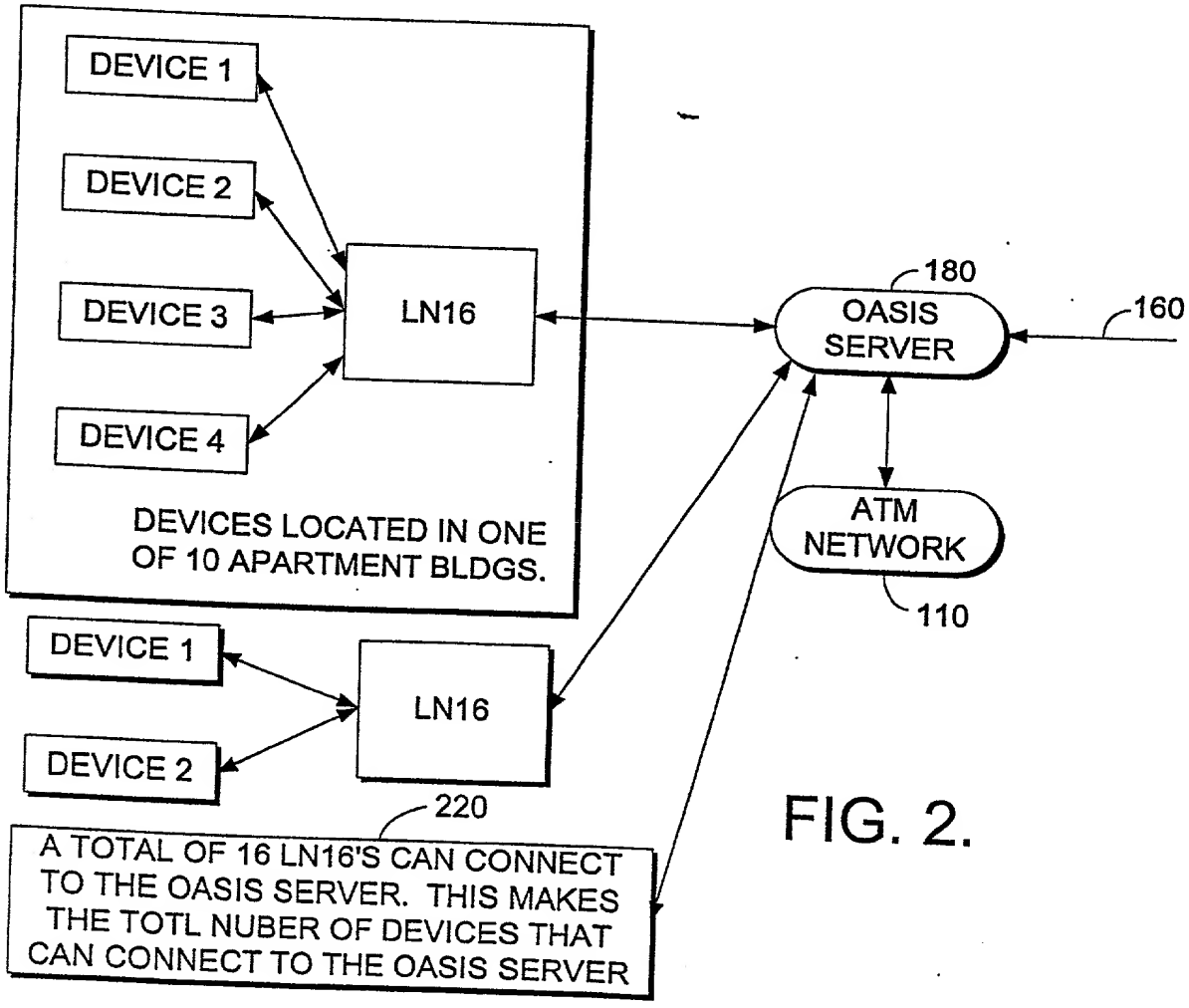

DEVICE 1
DEVICE 2
DEVICE 3
LN16
180
OASIS
SERVER
160
DEVICE 4
ATM
NETWORK
110
DEVICES LOCATED IN ONE
OF 10 APARTMENT BLDGS.
DEVICE 1
LN16
DEVICE 2
220
A TOTAL OF 16 LN16'S CAN CONNECT
TO THE OASIS SERVER. THIS MAKES
THE TOTL NUBER OF DEVICES THAT
CAN CONNECT TO THE OASIS SERVER

FIG. 2.

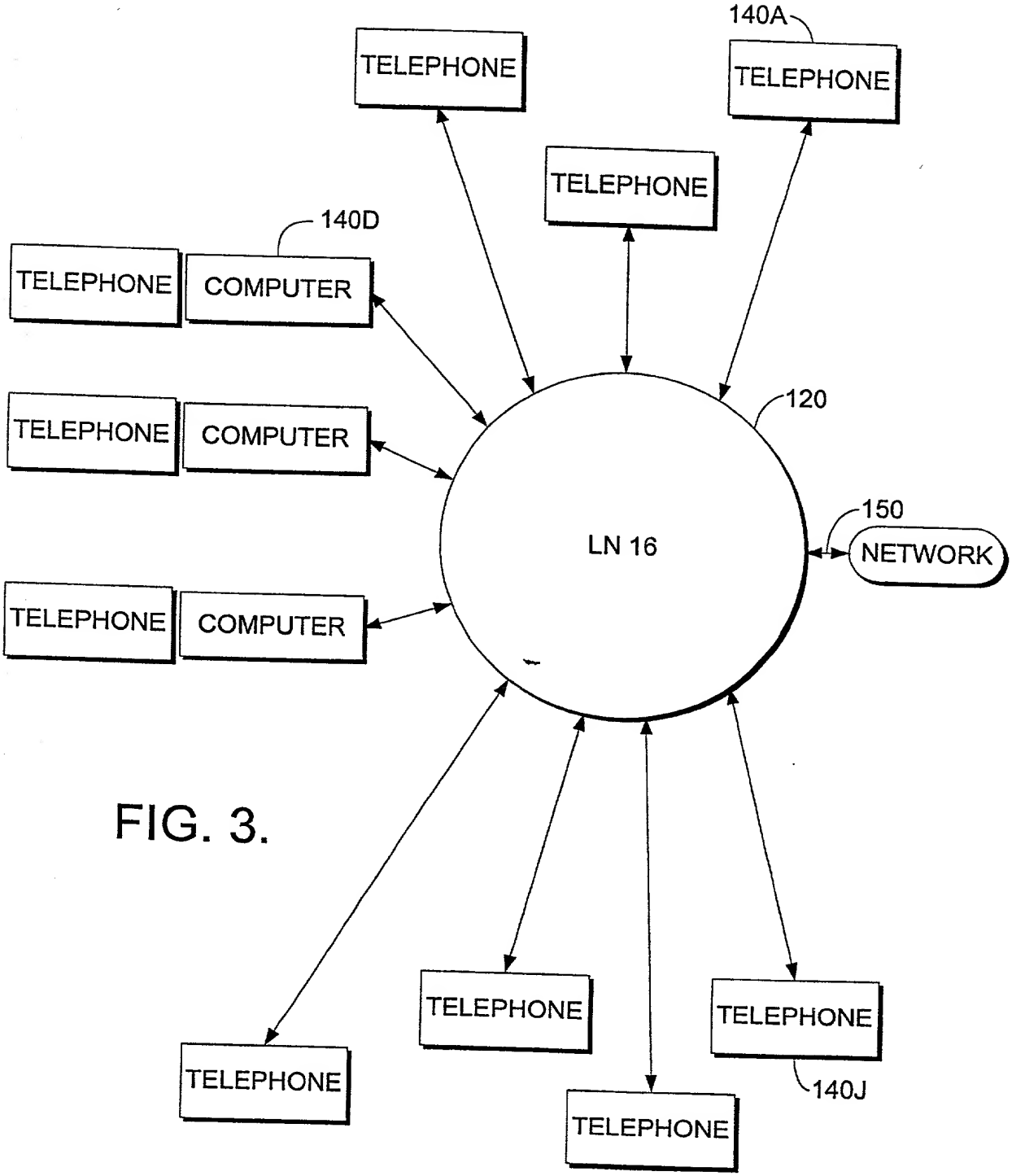

140A
TELEPHONE
TELEPHONE
TELEPHONE
140D
TELEPHONE
COMPUTER
120
TELEPHONE
COMPUTER
150
LN 16
NETWORK
TELEPHONE
COMPUTER
TELEPHONE
TELEPHONE
TELEPHONE
140J
TELEPHONE

FIG. 3.

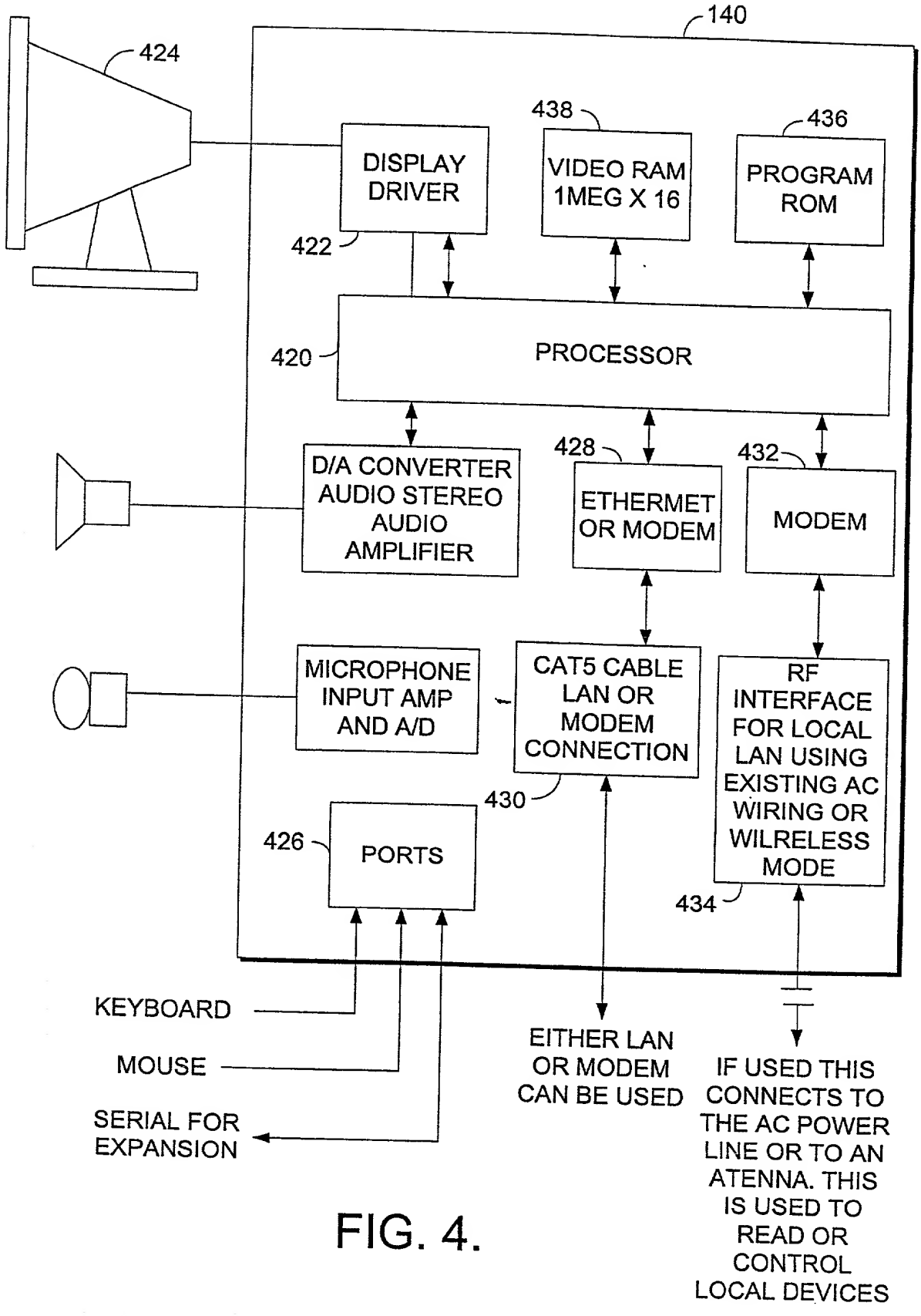
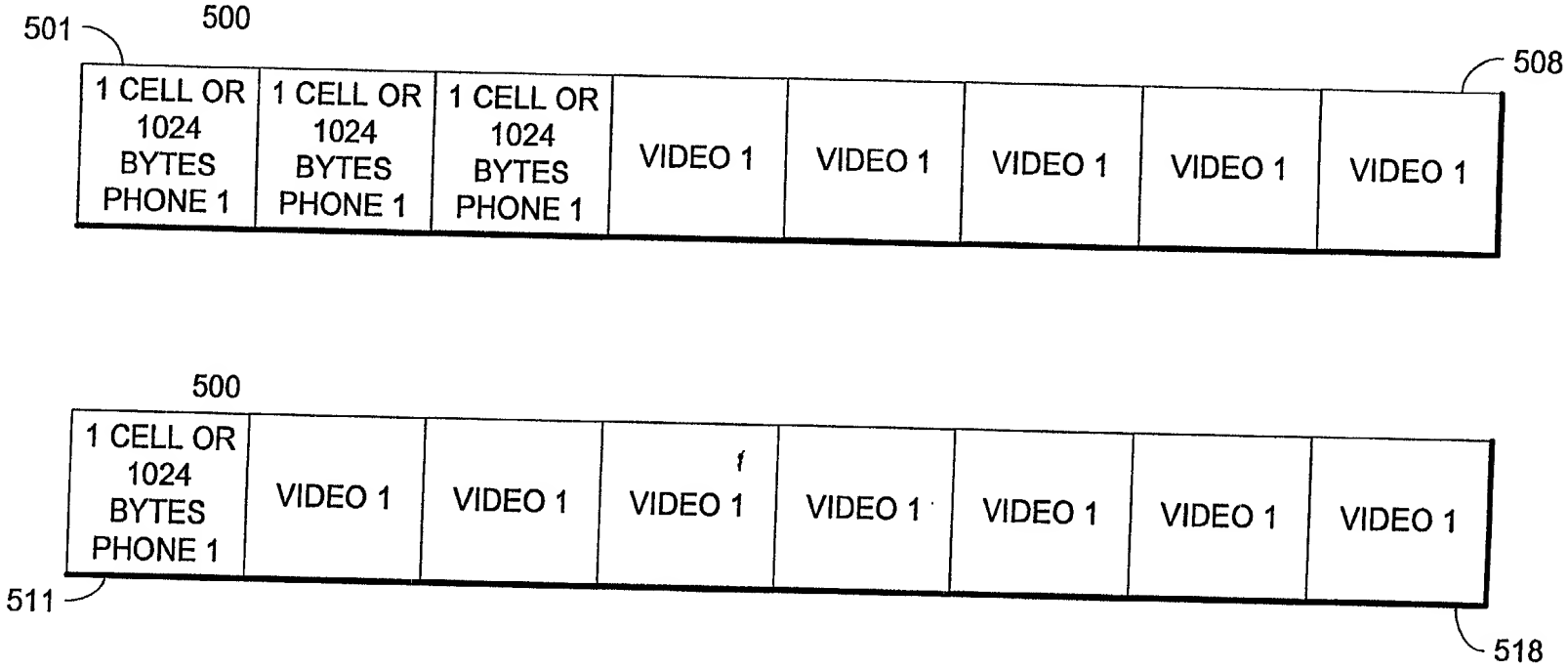

140
424
438
436
DISPLAY DRIVER
VIDEO RAM 1MEG X 16
PROGRAM ROM
422
420
PROCESSOR
428
432
D/A CONVERTER AUDIO STEREO AUDIO AMPLIFIER
ETHERMET OR MODEM
MODEM
MICROPHONE INPUT AMP AND A/D
CAT5 CABLE LAN OR MODEM CONNECTION
RF INTERFACE FOR LOCAL LAN USING EXISTING AC WIRING OR WILRELESS MODE
430
426
PORTS
434
KEYBOARD
MOUSE
SERIAL FOR EXPANSION
EITHER LAN OR MODEM CAN BE USED
IF USED THIS CONNECTS TO THE AC POWER LINE OR TO AN ATENNA. THIS IS USED TO READ OR CONTROL LOCAL DEVICES

FIG. 4.

FIG. 5.


501
500
1 CELL OR 1024 BYTES PHONE 1
1 CELL OR 1024 BYTES PHONE 1
1 CELL OR 1024 BYTES PHONE 1
VIDEO 1
VIDEO 1
VIDEO 1
VIDEO 1
VIDEO 1
508
500
1 CELL OR 1024 BYTES PHONE 1
VIDEO 1
VIDEO 1
VIDEO 1
VIDEO 1
VIDEO 1
VIDEO 1
VIDEO 1
511
518